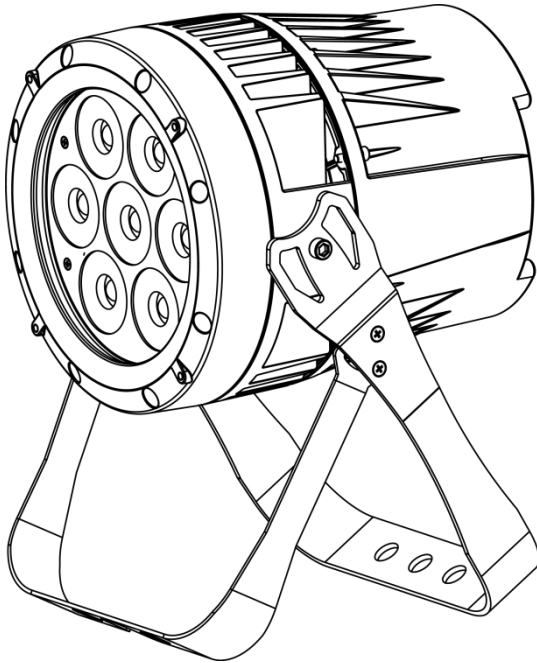# COLORado™ 1-Quad TOUR

Quick Reference Guide

CHAUVET®

It's Green Thinking®

About This Guide

The COLORado™ 1 Quad Tour Quick Reference Guide (QRG) contains connection and mounting information, as well as menu options and DMX values.

Disclaimer

- Refer to the COLORado™ 1 Quad Tour User Manual for detailed information and instructions. You can download the User Manual from the CHAUVET® website: www.chauvetpro.com.
- Read ALL the disclaimers and Safety Notes in this document, as well as those in the product's User Manual before installing, operating, or maintaining this product.

Safety Notes

- DO NOT open this product unless instructed to by CHAUVET®. It contains no user-serviceable parts.
- DO NOT aim this product toward any surface closer than 16 feet (5 m). You may damage or overheat the illuminated surface.
- DO NOT aim this product toward the Sun. The lenses could concentrate the solar energy and cause internal overheating.
- DO NOT look at the light source when this product is on.
- DO NOT touch the product when it is operating because it may be hot.
- DO NOT install or operate this product where there is less than 50 cm to the nearest surface to allow adequate ventilation around it.
- DO NOT leave any flammable material within 50 cm from this product while operating or connected to the power outlet to minimize the risk of fire.
- DO NOT mount this product overhead without using a safety cable.
- DO NOT operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- DO NOT operate this product if you see damage on the housing, lenses, or cables. In any of these cases, have the damaged parts replaced by a CHAUVET® authorized technician immediately.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.

What Is Included

- One COLORado™ 1 Quad Tour
- One NEUTRIK® PowerCON® to Edison Plug Input Power Cord
- One Gel Frame
- One Gel Frame Holder
- One Warranty Card
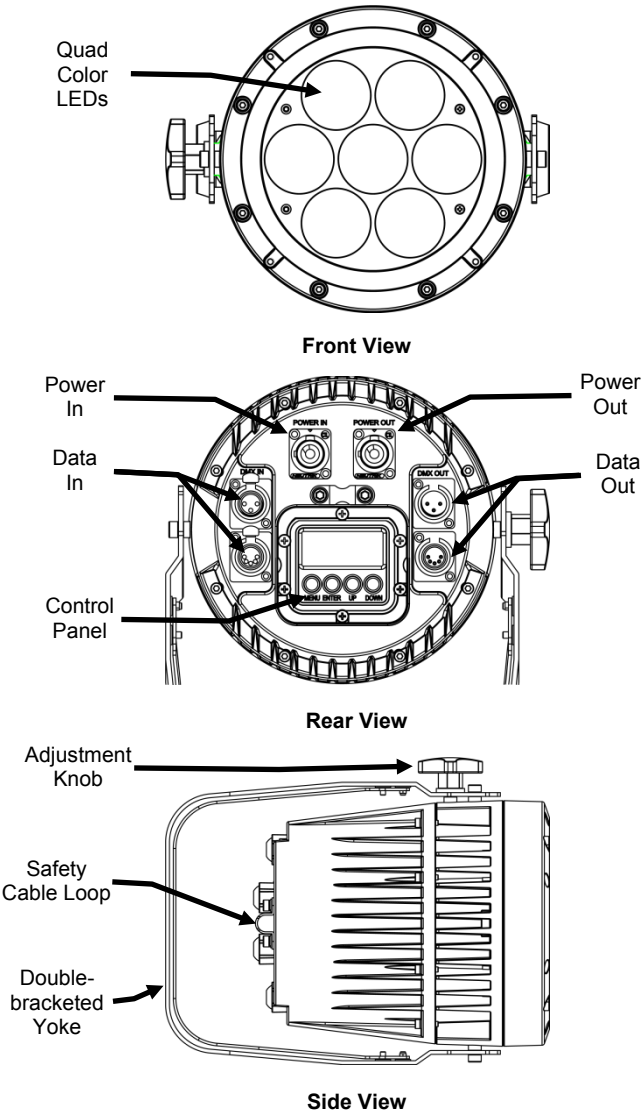- One Quick Reference Guide

Features
- 3, 4, 5, 6, or 10 Quad Color LED wash light
- Operating modes
  - 3-channel: RGB control
  - 3-channel: HSV control
  - 4-channel: RGB, dimmer
  - 4-channel: RGBW
  - 5-channel: RGBW, dimmer
  - 6-channel: RGBW, dimmer, strobe
  - 10-channel: RGBW, dimmer, strobe, macro, auto/custom, dimmer curve, auto speed
- RGBW color mixing with or without DMX controller
- Built-in automated programs via Master/Slave, DMX
- Recall custom programs via Master/Slave or DMX
- Five distinct dimming curves
- RGBW Quad Color LEDs
- Electronic dimmer
- Color macros with speed adjustment included
- Electronic power supply
- Neutrik® powerCON® connectors
- Additional power output: max 11 units @ 120 V
- 3- and 5-pin DMX input and output connectors

Product Description

The COLORado™ 1 Quad Tour is a high-power quad color RGBW LED wash light. This product consists of a single module that houses the internal power supply, the main control, the control panel, the LED drivers, the LED boards, as well as the power and signal connectors. The COLORado™ 1 Quad Tour includes one double-bracketed yoke that can be either a floor mount and hanging support bracket.

Quad Color LEDs

Front View

Product Overview

Power In

Power Out

Data In

Data Out

Control Panel

Rear View

Adjustment Knob

Safety Cable Loop

Double-bracketed Yoke

Side View

AC Power   The COLORado™ 1 Quad Tour has an auto-ranging power supply that works with an input voltage range of 100~240 VAC, 50/60 Hz.

Power Linking   You can link up to 11 COLORado™ 1 Quad Tour products at 120 VAC or 21 at 230 VAC. Make sure you never exceed the maximum number.

DMX Linking   The COLORado™ 1 Quad Tour will work with a DMX controller using a regular DMX connection.

If you are not familiar with the DMX standard, download the DMX Primer from www.chauvetpro.com.

DMX Connection   The COLORado™ 1 Quad Tour uses a regular DMX data connection for its DMX personalities: **TOUR**, **ARC.1**, **AR1.D**, **ARC.2**, **AR2.D**, **AR2.S**, and **HSV**.

Download the COLORado™ 1 Quad Tour User Manual.

Refer to Setup and Operation to learn how to connect and configure this product for DMX.

Master/Slave Connection   The COLORado™ 1 Quad Tour uses the DMX data connection for its Master/Slave mode.

Download the COLORado™ 1 Quad Tour User Manual.

Refer to Setup and Operation to learn how to connect and configure for Master/Slave operation.

Mounting Before mounting this product, read the [Safety Notes](#) in this guide and in the COLORado™ 1 Quad Tour User Manual.

Refer to *Setup* in the User Manual for detailed mounting instructions.
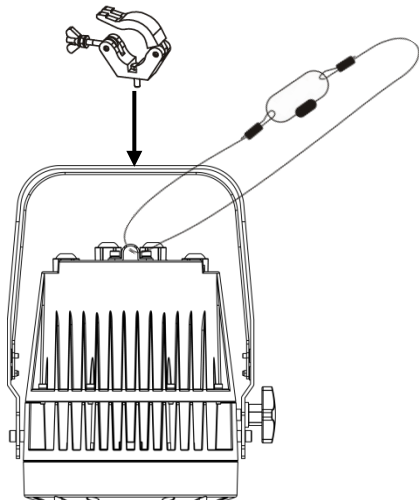
Overhead Mounting

Product Mounting Diagram
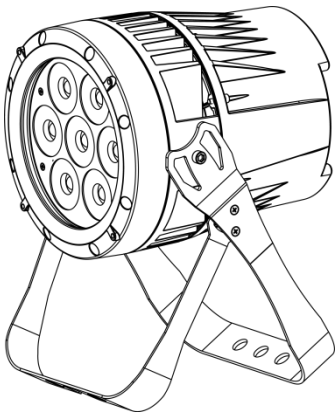
Floor Mounting

Programming   Refer to the COLORado™ 1 Quad Tour User Manual for detailed instructions on programming this product.

Control Panel Description

Button	Function
<MENU>	Exit from the current menu or function
<ENTER>	Enable the currently displayed menu or accept the currently selected value
<UP>	Navigate upward through the menu list and increase the numeric value when in a function
<DOWN>	Navigate downward through the menu list and decrease the numeric value when in a function

Password

After being prompted, enter the following password by pressing:

<UP>, **<DOWN>**, **<UP>**, <**DOWN**>, **<ENTER>**.

This password cannot be changed and will be the password you use each time you are prompted.

Start Address   To ensure you can fully access all channels in each DMX mode, the highest recommended DMX addresses are as follows:

Mode	Address	Mode	Address	Mode	Address
TOUR	503	**AR1.D**	509	**HSV**	510
ARC.1	510	**ARC.2**	509	**AR2.D**	508
AR2.S	507				

Menu Options

Main Level	Programming Levels			Description
STAT	RED	**000~255** (0~100%)		User can combine Red, Green, Blue and White to generate a custom color
	GREN			
	BLUE			
	WHIT			
	STRB	**00~20** (0~20 Hz)		Select a strobe frequency (0~20 Hz)
AUTO	**AT. 1~10**			Choose from 10 automatic programs
	PR. 1~10			Choose from 10 customizable programs
DMX	**001~512**			Sets the DMX starting address
RUN	**DMX**			Receives signals from DMX controller
	SLAV			Receives signals from Master unit
PERS	**ARC.1**			3-channel: RGB control
	AR1.D			4-channel: RGB, dimmer
	ARC.2			4-channel: RGBW
	AR2.D			5-channel: RGBW, dimmer
	AR2.S			6-channel: RGBW, dimmer, strobe
	HSV			3-channel: HSV control
	TOUR			10-channel: RGBW, dimmer, strobe, color macro, auto/custom, dimmer speed, auto speed
EDIT	**PR. (1~10)**	**SC. (1~30)**	RED	User can combine Red, Green, Blue, and White to generate a custom color (0~100%)
			GREN	
			BLUE 000~255	
			WHIT	
			STRB 00~20	Selects the strobe frequency (0~20 Hz)
			TIME	Defines the step duration (0~100%)
			000~255	
			FADE	Defines the fade duration (0~100%)

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Main Level	Programming Levels					Description
SET	**UPLD**	Enter password				Defaults product
	REST	Enter password				Defaults product
	DIM	**OFF**				No dimmer
		DIM1~4				Dimmer curve
	DERR	**BLAK**				All LEDs turn off when DMX signal is lost
		SAVE				All LEDs stay on the last command used when the DMX signal is lost
	COLO	**OFF**				RGB set to "255" = max. output
		RGBW				RGB set to "255" = balanced white
		UC				Universal color balance
KEY	**On/Off**					Turns the password on or off
CAL	Enter password	**CAL1**	**WH. (1~11)**	**RED**	**000~ 255**	Modifies the color macros used in the **TOUR** personality
				GREN		
				BLUE		
				WHIT		
		CAL2	**RED**		**000~255**	Defines the color temperature used when **COLOR** is set to **RGB to W**
			GREN			
			BLUE			

DMX Values

Tour	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇔ 255	0~100%
	2	Red	000 ⇔ 255	0~100%
		Step Time		When CUS. 01-10 in CH. 8 is activated
	3	Green	000 ⇔ 255	0~100%
		Step Time		When CUS. 01-10 in CH. 8 is activated
	4	Blue	000 ⇔ 255	0~100%
	5	White	000 ⇔ 255	0~100%
	6	Color Macro + White Balance	000 ⇔ 010	No Function
			011 ⇔ 030	R: 100%　　G: 0~100% B: 0%
			031 ⇔ 050	R: 100~0% G: 100%　　B: 0%
			051 ⇔ 070	R: 0%　　　G: 100%　　B: 0~100%
			071 ⇔ 090	R: 0%　　　G: 100~0% B: 100%
			091 ⇔ 110	R: 0~100% G: 0%　　　B: 100%
			111 ⇔ 130	R: 100%　　G: 0%　　　B: 100~0%
			131 ⇔ 150	R: 100%　　G: 0~100% B: 0~100%
			151 ⇔ 170	R: 100~0% G: 100~0% B: 100%
			171 ⇔ 200	R: 100%　　G: 100%　　B: 100%　W: 100%
			201 ⇔ 205	White 1
			206 ⇔ 210	White 2
			211 ⇔ 215	White 3
			216 ⇔ 220	White 4
			221 ⇔ 225	White 5
			226 ⇔ 230	White 6
			231 ⇔ 235	White 7
			236 ⇔ 240	White 8
			241 ⇔ 245	White 9
			246 ⇔ 250	White 10
			251 ⇔ 255	White 11
	7	Strobe	000 ⇔ 009	No Function
			010 ⇔ 255	0~20 Hz
	8	Auto + Custom Programs	000 ⇔ 040	No Function
			041 ⇔ 049	Auto 1
			050 ⇔ 059	Auto 2
			060 ⇔ 069	Auto 3
			070 ⇔ 079	Auto 4
			080 ⇔ 089	Auto 5
			090 ⇔ 099	Auto 6
			100 ⇔ 109	Auto 7
			110 ⇔ 119	Auto 8
			120 ⇔ 129	Auto 9
			130 ⇔ 139	Auto 10
			140 ⇔ 149	Custom 1
			150 ⇔ 159	Custom 2
			160 ⇔ 169	Custom 3
			170 ⇔ 179	Custom 4
			180 ⇔ 189	Custom 5
			190 ⇔ 199	Custom 6
			200 ⇔ 209	Custom 7
			210 ⇔ 219	Custom 8
			220 ⇔ 229	Custom 9
			230 ⇔ 255	Custom 10

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	Channel	Function	Value	Percent/Setting
Tour (cont.)	9	**Auto Speed**	000 ⇔ 255	Only when CH. 8 is Auto 1~10 is activated
	10	**Dimmer Speed**	000 ⇔ 009 010 ⇔ 029 030 ⇔ 069 070 ⇔ 129 130 ⇔ 189 190 ⇔ 255	Preset dimmer speed from display menu Linear dimmer Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3 Nonlinear dimming curve 4 (slowest)

	Channel	Function	Value	Percent/Setting
ARC.1	1	**Red**	000 ⇔ 255	0~100%
	2	**Green**	000 ⇔ 255	0~100%
	3	**Blue**	000 ⇔ 255	0~100%

	Channel	Function	Value	Percent/Setting
AR1.D	1	**Dimmer**	000 ⇔ 255	0~100%
	2	**Red**	000 ⇔ 255	0~100%
	3	**Green**	000 ⇔ 255	0~100%
	4	**Blue**	000 ⇔ 255	0~100%

	Channel	Function	Value	Percent/Setting
ARC.2	1	**Red**	000 ⇔ 255	0~100%
	2	**Green**	000 ⇔ 255	0~100%
	3	**Blue**	000 ⇔ 255	0~100%
	4	**White**	000 ⇔ 255	0~100%

	Channel	Function	Value	Percent/Setting
AR2.D	1	**Dimmer**	000 ⇔ 255	0~100%
	2	**Red**	000 ⇔ 255	0~100%
	3	**Green**	000 ⇔ 255	0~100%
	4	**Blue**	000 ⇔ 255	0~100%
	5	**White**	000 ⇔ 255	0~100%

	Channel	Function	Value	Percent/Setting
AR2.S	1	**Dimmer**	000 ⇔ 255	0~100%
	2	**Red**	000 ⇔ 255	0~100%
	3	**Green**	000 ⇔ 255	0~100%
	4	**Blue**	000 ⇔ 255	0~100%
	5	**White**	000 ⇔ 255	0~100%
	6	**Strobe**	000 ⇔ 009 010 ⇔ 255	No Function 0~20 Hz

HSV	Channel	Function	Value	Percent/Setting
	1	Hue	000 ⇔ 255	0~100%
	2	Saturation	000 ⇔ 255	0~100%
	3	Value	000 ⇔ 255	0~100%

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